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## What Is Claimed Is:

1. A method for providing product information comprising the steps of:
establishing a local reference frame which defines a space including a
'product identifier and a portable display device;

receiving a request for product information corresponding to the product identifier from the portable display device;

determining a position of the portable display device in relation to the local reference frame; and

providing the product information via the portable display device according to the position of the portable display device.

- 2. The method of claim 1, further comprising the step receiving an order for a product corresponding to the product identifier from the portable display device.
- 3. The method of claim 1, further comprising the step of receiving a bid for a product corresponding to the product identifier from the portable display device.
- 4. The method of claim 1, further comprising the step of adding a product corresponding to the product identifier to a user shopping list using the portable display device.

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- The method of claim 1, further comprising the step of providing a 5. menu for distinguishing a plurality of products in the space via the portable display device.
- 6. The method of claim 1, further comprising the step of redirecting a user toward an alternative product using the portable display device.
- The method of claim 1, further comprising the steps of: 7. determining the orientation of the portable display device; and selecting between the object and another proximate object on the basis of the orientation of the portable display device.
- 8. The method of claim 1, wherein the local reference frame is established using an active beacon.
- 9. The method of claim 8, further comprising the step of determining a position of the portable display device by comparing one of signal strengths of at least two beacons, a signal transmission time from each of at least two beacons, and an angle between at least two beacons.
- 10. The method of claim 1, wherein the local reference frame is established using passive environmental markings.

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- 11. The method of claim 10, further comprising the step of determining a position of the portable display device relative to at least one environmental marking.
- 12. The method of claim 10, further comprising the step of determining a position of the portable display device relative to an angle between at least two environmental markings.
- 13. The method of claim 1, further comprising the step of retrieving the product information from a database stored in the portable display device.
- The method of claim 1, wherein the local reference frame is established relative to the portable display device and moves with the portable display device.
- 15. A system for providing a user access to information comprising: a portable display device within a local reference frame including an object;

a plurality of positional sensors;

a correlation means for determining the object according to a known position of the object within the local reference frame, and the position of the portable display device; and

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a database for providing, via the portable display device, information corresponding to the object.

- 16. The system of claim 15, further comprising a plurality of active beacons defining the local reference frame, wherein the positional sensors are part of the portable display device.
- 17. The system of claim 15, wherein the correlation means determines the position of the portable display device based on a signal strength of at least one active beacon, wherein the signal strength is determined by the positional sensors.
- 18. The system of claim 15, where the correlation means determines the position of the portable display device is based on a signal transmission times from each of at least two active beacons.
- 19. The system of claim 15, further comprising a wireless communication link between the portable display device and a database of product information.

20. A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for providing product information, the method steps comprising:

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establishing a local reference frame which defines a space including a product identifier and a portable display device;

receiving a request for product information corresponding to the product identifier from the portable display device;

determining a position of the portable display device in relation to the local reference frame; and

providing the product information via the portable display device according to the position of the portable display device.